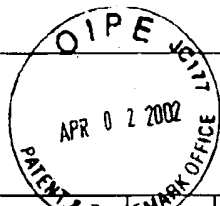


Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>	Docket Number 293102002103	Application Number 10 046,938
	Applicant Suresh K. MITTAL et al	
	Filing Date January 14, 2002	Group Art Unit 1648
	Mailing Date March 27, 2002	



U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
MM	1.	06/08/1976	3,962,424	Zygraich et al.			
	2.	04/09/1985	4,510,245	Cousens et al.			
	3.	04/24/1990	4,920,209	Davis et al.			
	4.	06/18/1991	5,024,939	Gorman			
	5.	09/29/1992	5,151,267	Babiuk et al.			
	6.	05/26/1998	5,756,086	McClelland et al.			
	7.	06/23/1998	5,770,442	Wickham et al.			
	8.	10/13/1998	5,820,868	Mittal et al.			
	9.	12/08/1998	5,846,782	Wickham et al.			
	10.	02/16/1999	5,871,727	Curiel			
	11.	07/13/1999	5,922,576	He et al.			
	12.	12/14/1999	6,001,591	Mittal et al.			
	13.	07/11/2000	6,086,890	Mittal et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
MM	14.	06/25/1986	0 185 573	Great Britain			English equivalent of Ref. No. 15
	15.	06/25/1986	0 185 573	Europe			See Ref. No. 14
	16.	03/09/1988	0 259 149	Europe			
	17.	09/26/1990	0 389 286	Europe			
	18.	08/10/1990	2,642,767	France			YES
	19.	08/09/1991	2,657,880	France			YES
	20.	09/24/1990	2,012,895	Canada			
	21.	11/06/1986	WO 86/06409	WIPO			
	22.	08/08/1991	WO 91/11525	WIPO			

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W. S. Suresh

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23.	06/15/1995	WO 95/16048	WIPO				
24.	07/25/1996	WO 96/22398	WIPO				
25.	12/30/1998	WO 98/59063	WIPO				

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
MM	26.	Alley, C.D. and Mestecky, J. (1988). "The mucosal immune system" Chapter 9 In <u>B-lymphocytes in human diseases</u> . G. Bird and J. E. Calvert, eds., Oxford University Press: Oxford, pp.222-254.
	27.	Amalfitano, A. et al. (April 1996). "Improved adenovirus packaging cell lines to support the growth of replication-defective gene-delivery vectors," <i>Proc. Natl. Acad. Sci., USA</i> , Genetics 93(8):3352-3356.
	28.	Andersson, M. et al. (1985). "Impaired Intracellular Transport of Class I MHC Antigens as a Possible Means for Adenoviruses to Evade Immune Surveillance," <i>Cell</i> 43:215-222.
	29.	Baca-Estrada, M.E. et al. (1996). "Immunogenicity of bovine herpesvirus 1 glycoprotein D in mice: Effect of antigen form on the induction of cellular and humoral immune responses," <i>Viral Immunol.</i> 9(1):11-22.
	30.	Barbeau, D. et al. (1992). "Quantitative analysis of regions of adenovirus E1A products involved in interactions with cellular proteins," <i>Biochem. Cell Biol.</i> 70:1123-1134.
	31.	Bartha, A. (1969). "Proposal for subgrouping of bovine adenoviruses," <i>Acta. Vet. Acad. Sci. Hung.</i> 19(3):319-321.
	32.	Baxi, M.K. et al. (1998). "Characterization of bovine adenovirus type 3 early region 2B," <i>Virus Genes</i> 16(3):313-316.
	33.	Belák et al. (1986). "Subtypes of bovine adenovirus type 2 exhibit major differences in region E3," <i>Virology</i> 153:262-271.
	34.	Bellett, A.J.D. et al. (1989). "Functions of the Two Adenovirus Early E1A Proteins and Their Conserved Domains in Cell Cycle Alteration, Actin Reorganization, and Gene Activation in Rat Cells," <i>J. Virol.</i> 63(1):303-310.
	35.	Benkö et al. (1990). "Molecular Cloning and physical mapping of the DNA of bovine adenovirus serotype 4: study of the DNA homology among bovine, and porcine adenoviruses," <i>Journal of General Virology</i> 71:465-469.
	36.	Berg, J.M. (1986). "Potential Metal-Binding Domains in Nucleic Acid Binding Proteins," <i>Science</i> 232:485-487.
	37.	Berk, A. J. et al. (1979). "Pre-Early Adenovirus 5 Gene Product Regulates Synthesis of Early Viral Messenger RNAs," <i>Cell</i> 17:935-944.
	38.	Berk, A.J. (1986). "Adenovirus Promoters and E1A Transactivation," <i>Ann. Rev. Genet</i> 20:45-79.

EXAMINER:

M. Miller

DATE CONSIDERED:

1-30-04

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		Mailing Date March 27, 2002	
39.	Berk. A.J. and Sharp, P.A. (1978). "Structure of the Adenovirus 2 Early mRNAs." <i>Cell</i> 14:695-711.		
MM 40.	Berkner, K.L. (1989) "Development of Adenovirus Vectors for the Expression of Heterologous Genes" <i>Biotechniques</i> 6:616-629.		
	41. Berkner, K.L. and Sharp, P.A. (1984). "Expression of dihydrofolate reductase, and of the adjacent Elb region, in an Ad5-dihydrofolate reductase recombinant virus," <i>Nuc. Acid Res.</i> 12(4):1925-1941.		
	42. Bett, A.J. et al. (1993). "Packaging Capacity and Stability of Human Adenovirus Type 5 Vectors," <i>J. Virol.</i> 67(10):5911-5921.		
	43. Birnboim, H.C. and Doly, J. (1979). "A rapid alkaline extraction procedure for screening recombinant plasmid DNA," <i>Nuc. Acids Res.</i> 7(6):1513-1523.		
	44. Boshart, M. et al. (June 1985). "A very strong enhancer is located upstream of an immediate early gene of human cytomegalovirus," <i>Cell</i> 41:521-530.		
	45. Bostock, C.J. (1990). "Viruses as Vectors" <i>Vet. Microbiol.</i> 23:55-71.		
	46. Boyle et al. (1992). "Vectors for Recombinant Vaccine Delivery" <i>In Animal Parasite Control Utilizing Biotechnology</i> , W.K. Yong CRC Press:Boca Raton, pp. 25-47.		
	47. Boyle et al. (1993). "Recombinant fowlpox virus vaccines for poultry," <i>Immunol. Cell Biol.</i> 71:391-397.		
	48. Boyle, D.B. (1989). "How do other Poxviruses fit in as Potential Vectored Vaccine Substrates for Animal Immunizations?" <i>Res. Virol.</i> 140(5):483-491.		
	49. Branton, P.E. et al. (1985). "Transformation by Human Adenoviruses," <i>Biochim. Biophys. Acta</i> 780:67-94.		
	50. Brennan, S. and Savage, R. (1990). "Embryonic transcriptional activation of a <i>Xenopus</i> cytoskeletal actin gene does not require a serum response element," <i>Roux's Arch. Dev. Biol.</i> 199:89-96.		
	51. Brough, D.E. et al. (September 1996). "A gene transfer vector-cell line system for complete functional complementation of adenovirus early regions E1 and E4," <i>J. of Virol.</i> 70(9):6497-6501.		
	52. Bruder, J.T. and Hearing, P. (1989). "Nuclear Factor EF-1A Binds to the Adenovirus E1A Core Enhancer Element and to Other Transcriptional Control Regions," <i>Mol. Cell Biol.</i> 9(11):5143-5153.		
	53. Burgert, H. and Kvist, S. (1985). "An Adenovirus Type 2 Glycoprotein Blocks Cell Surface Expression of Human Histocompatibility Class I Antigens," <i>Cell</i> 41:987-997.		
	54. Burgert, H. and Kvist, S. (1987). "The E3/19K protein of adenovirus type 2 binds to the domains of histocompatibility antigens required for CTL recognition," <i>EMBO J.</i> 6(7):2019-2026.		
	55. Cai, F. et al. (1990). "Nucleotide and deduced amino acid sequence of the bovine adenovirus type 3 proteinase," <i>Nuc. Acids Res.</i> 18(18):5568.		
✓	56. Carlin, C.R. et al. (1989). "Epidermal Growth Factor Receptor Is Down-Regulated by a 10,400 MW Protein Encoded by the E3 Region of Adenovirus," <i>Cell</i> 57:135-144.		
EXAMINER: <i>Mosley</i>		DATE CONSIDERED: <i>1-30-04</i>	
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Group Art Unit 1648

Mailing Date March 27, 2002



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| 57. | Chanda, P.K. et al. (1990). "High Level Expression of the Envelope Glycoproteins of the Human Immunodeficiency Virus Type I in Presence of rev Gene Using Helper-Independent Adenovirus Type 7 Recombinants," <i>Virology</i> 175:535-547. |
| 58. | Chroboczek, J. and Jacrot, B. (1987). "The Sequence of Adenovirus Fiber: Similarities and Differences between Serotypes 2 and 5," <i>Virology</i> 161:549-554. |
| 59. | Chu, G. et al. (1987). "Electroporation for the efficient transfection of mammalian cells with DNA," <i>Nucl. Acids Res</i> 15(3):1311-1327. |
| 60. | Cladaras, C. and Wold, W.S.M. (1985). "DNA Sequence of the Early E3 Transcription Unit of Adenovirus 5," <i>Virology</i> 140:28-43. |
| 61. | Conley, M.E. et al., (1987). "Intravascular and mucosal immunoglobulin A: Two separate but related systems of immune defense?" <i>Ann. Intern. Med.</i> 106:892-899. |
| 62. | Culp, J.S. et al. (1988). "The 289-amino acid E1A protein of adenovirus binds zinc in a region that is important for trans-activation," <i>PNAS, USA</i> 85:6450-6454. |
| 63. | Darbyshire, J.H. (1966). "Oncogenicity of Bovine Adenovirus Type 3 in Hamsters," <i>Nature</i> 211:102. |
| 64. | Darbyshire, J.H. et al. (1965). "A New Adenovirus Serotype of Bovine Origin," <i>J. Comparative Pathology</i> 75:327-331. |
| 65. | Darbyshire, J.H. et al. (1966). "The Pathogenesis and Pathology of Infection in Calves with a Strain of Bovine Adenovirus Type 3," <i>Res. Vet Sci</i> 7:81-93. |
| 66. | de Wet, J.R. et al. (1987). "Firefly Luciferase Gene: Structure and Expression in Mammalian Cells," <i>Mol. Cell. Biol.</i> 7(2):725-737. |
| 67. | Degryse, E. (1996). "In vivo intermolecular recombination in <i>Escherichia coli</i> : Application to plasmid constructions," <i>Gene</i> 170:45-50. |
| 68. | Dewar, R.L. et al. (1989). "Synthesis and Processing of Human Immunodeficiency Virus Type 1 Envelope Proteins Encoded by a Recombinant Human Adenovirus," <i>J. Virol.</i> 63(1):129-136. |
| 69. | Doronin, K.K. et al. (1993). "Expression of the gene encoding secreted placental alkaline phosphatase (SEAP) by a nondefective adenovirus vector," <i>Gene</i> 126:247-250. |
| 70. | Dower, W.J. et al. (1988). "High efficiency transformation of <i>E. coli</i> by high voltage electroporation," <i>Nuc. Acids Res.</i> 16(13):6127-6145. |
| 71. | Dragulev, B.P. et al. (1991). "Sequence Analysis of Putative E3 and Fiber Genomic Regions of Two Strains of Canine Adenovirus Type 1," <i>Virology</i> 183:298-305. |
| 72. | Dynan, W.S. and Tjian, R. (1983). "The Promoter-Specific Transcription Factor Sp1 Binds to Upstream Sequences in the SV40 Early Promoter," <i>Cell</i> 35:79-87. |
| 73. | Dyson, N. et al. (1990). "Large T Antigens of Many Polyomaviruses Are Able To Form Complexes with the Retinoblastoma Protein," <i>J. Virol.</i> 64(3):1353-1356. |
| 74. | Egan, C. et al. (1989). "Binding of the Rb1 protein to E1A products is required for adenovirus transformation," <i>Oncogene</i> 4:383-388. |

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75.	Elgadi, M. et al. (1993). "Sequence and sequence analysis of E1 and pIX regions of the BAV3 genome," <i>Intervirology</i> 36:113-120.						
76.	Ertl, H.C.J. and Xiang, Z. (1996). "Novel vaccine approaches," <i>J. Immunol.</i> 156:3579-3582.						
77.	Esposito et al. (1989). "Infectious Recombinant Vectored Virus Vaccines," <i>Adv. Vet. Sci. Comp. Med.</i> 33:195-247.						
78.	Fallaux, F.J. et al. (January 20, 1996). "Characterization of 911: a new helper cell line for the titration and propagation of early region 1-deleted adenoviral vectors," <i>Human Gene Therapy</i> 7:215-222.						
79.	Fejér et al. (1992). "Multiple enlargements in the right inverted terminal repeat of the DNA of canine adenovirus type 2" <i>Acta Microbiologica Hungarica</i> 39:159-168.						
80.	Fitzgerald, L. et al. (1997). "Cloning and sequencing of the bovine adenovirus type 2 early region 4," <i>Gene</i> 185:181-186.						
81.	Fitzpatrick, D.R. et al. (1990). Mapping of 10 Epitopes on Bovine Herpesvirus Type 1 Glycoproteins gI and gIII," <i>Virology</i> 176:145-157.						
82.	Flomenberg, P.R. et al. (1988). "Sequence and Genetic Organization of Adenovirus Type 35 Early Region 3," <i>J. of Virology</i> . 62(11):4431-4437.						
83.	GenBank database under accession number D16839.						
84.	Ghosh-Choudhury, G. et al. (1987). "Protein IX, a minor component of the human adenovirus capsid, is essential for the packaging of full length genomes," <i>EMBO. J.</i> 6(6):1733-1739.						
85.	Ginsberg, H.S. ed. (1984). <u>The Adenoviruses</u> . Plenum Press: New York. Table of Contents, pp. ix-xvii.						
86.	Ginsberg, H.S. et al. (1989). "Role of early region 3 (E3) in pathogenesis of adenovirus disease," <i>PNAS, USA</i> 86:3823-3827.						
87.	Gooding, L.R. et al. (1988). "A 14,700 MW Protein from the E3 Region of Adenovirus Inhibits Cytolysis by Tumor Necrosis Factor," <i>Cell</i> 53:341-346.						
88.	Graham, F.L. and Prevec, L. (1992) "Adenovirus-based expression vectors and recombinant vaccines" Chapter 16 <i>In Vaccines: New approaches to immunological problems</i> . R.W. Ellis ed., Butterworth-Heinemann: Stoneham, pp. 363-390.						
89.	Graham, F.L. and Prevec, L. (1991). "Manipulation of adenovirus vectors" Chapter 11 <i>In Methods in Molecular Biology: Gene Transfer and Expression Techniques</i> . Murray and Walker eds., Humana Press: Clifton, N.J., Vol. 7, pp. 109-146.						
90.	Graham, F.L. and VanDerEb, A.J. (1973). "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA," <i>Virology</i> 52:456-467.						
91.	Graham, F.L. et al. (1977). "Characteristics of a Human Cell Line Transformed by DNA from Human Adenovirus Type 5," <i>J. Gen. Virol.</i> 36:59-72.						
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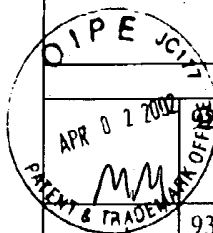
Group Art Unit: 1648

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|------|---|
| | Graham, F.L. et al. (1988). "Cloning and expression of glycoprotein genes in human adenovirus vectors," <i>J. Cell. Biochem.</i> UCLA Symposium on Molecular and Cellular Biology, Suppl. 12:290-299. Abstract F109. |
| 93. | Graham, F.L. et al. (1989). "Infectious circular DNA of human adenovirus type 5: regeneration of viral DNA termini from molecules lacking terminal sequences," <i>EMBO J.</i> 8(7):2077-2085. |
| 94. | Green, N.M. et al. (1983). "Evidence for a repeating cross- β sheet structure in the adenovirus fibre," <i>EMBO J.</i> 2(8):1357-1365. |
| 95. | Grunhaus, A. and Horwitz, M.S. (1992). "Adenoviruses as cloning vectors," <i>Sem. in Virol.</i> 3:237-252. |
| 96. | Gunning, P. et al. (1987). "A human β -actin expression vector system directs high-level accumulation of antisense transcripts," <i>PNAS, USA.</i> 84:4831-4835. |
| 97. | Haj-Ahmad et al. (1986). "Development of a helper-independent human adenovirus vector and its use in the transfer of the herpes simplex virus thymidine kinase gene," <i>J. Virol.</i> 57:267-274. |
| 98. | Harlow, E. et al. (1986). "Association of Adenovirus Early-Region 1A Proteins with Cellular Polypeptides," <i>Mol. Cell Biol.</i> 6(5):1579-1589. |
| 99. | Hearing, P. and Shenk, T. (1986). "The Adenovirus Type 5 E1A Enhancer Contains Two Functionally Distinct Domains: One Is Specific for E1A and the Other Modulates All Early Units in <i>Cis</i> ," <i>Cell.</i> 45:229-236. |
| 100. | Henikoff, S. (1984). "Unidirectional digestion with exonuclease III creates targeted breakpoints for DNA sequencing," <i>Gene.</i> 28:351-359. |
| 101. | Hérissé, J. and Galibert, F. (1981). "Nucleotide sequence of the EcoRI E fragment of adenovirus 2 genome," <i>Nucl. Acids Res.</i> 9(5):1229-1240. |
| 102. | Hérissé, J. et al. (1980). "Nucleotide sequence of the EcoRI D fragment of adenovirus 2 genome," <i>Nuc. Acids Res.</i> 8(10):2173-2192. |
| 103. | Hirt, B. (1967). "Selective extraction of polyoma DNA from infected mouse cell cultures," <i>J. Mol. Biol.</i> 26:365-369. |
| 104. | Holland, J.J. et al. (1979). "Evolution of Multiple Genome Mutations During Long-Term Persistent Infection by Vesicular Stomatitis Virus," <i>Cell</i> 16:495-504. |
| 105. | Hong, J.S. et al. (1988). "Characterization of the Early Region 3 and Fiber Genes of Ad7," <i>Virology</i> 167:545-553. |
| 106. | Horton, T.M. et al. (1990). "A Protein Serologically and Functionally Related to the Group C E3 14,700-Kilodalton Protein Is Found in Multiple Adenovirus Serotypes," <i>J. Virology.</i> 64(3):1250-1255. |
| 107. | Howe, J.A. and Bayley, S.T. (1992). "Effects of Ad5 E1A Mutant Viruses on the Cell Cycle in Relation to the Binding of Cellular Proteins Including the Retinoblastoma Protein and Cyclin A," <i>Virology</i> 186:15-24. |

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Group Art Unit: 1648

Mailing Date March 27, 2002

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- | | |
|------|---|
| 108. | Howe, J.A. et al. (1990). "Retinoblastoma growth suppressor and a 300-kDa protein appear to regulate cellular DNA synthesis." <i>PNAS, USA</i> 87:5883-5887. |
| 109. | Hu et al. (1984). "Sequence homology between bovine and human adenoviruses," <i>J. Virol.</i> 49:604-608. |
| 110. | Hu, S.L. et al. (1984). "Restriction Analysis and Homology Studies of the Bovine Adenovirus 7 Genome," <i>J. Virol.</i> 51:880-883. |
| 111. | Hughes, G. et al. (1988). "Functional and topographical analyses of epitopes on bovine herpesvirus type 1 glycoprotein IV," <i>Arch. Virol.</i> 103:47-60. |
| 112. | Idamakanti, N.. (1998). "Molecular characterization of early region-3 of bovine adenovirus-3," M. Sci. Thesis, University of Saskatchewan: Saskatoon, Saskatchewan, pp. ii-92. |
| 113. | Imler, J. (1995). "Adenovirus vectors as recombinant viral vaccines," <i>Vaccine</i> 13(13):1143-1151. |
| 114. | Jelsma, T.N. et al. (1988). "Use of Deletion and Point Mutants Spanning the Coding Region of the Adenovirus 5 E1A Gene to Define a Domain that is Essential for Transcriptional Activation," <i>Virology</i> 163:494-502. |
| 115. | Johnson, D.C. et al. (1988). "Abundant Expression of Herpes Simplex Virus Glycoprotein gB Using an Adenovirus Vector," <i>Virology</i> 164:1-14. |
| 116. | Jones, N. and Shenk, T. (1979). "Isolation of adenovirus type 5 host range deletion mutants defective for transformation of rat embryo cells," <i>Cell</i> 17(3):683-689. |
| 117. | Kaledin, A.S. (1988). "Cloning and Sequencing of E1A gene of bovine adenovirus 3 genome," <i>Shornik Nauchnykh Trudov-Moskovskaya Veterinaria Akademiya</i> 159:78-82 (translation provided). |
| 118. | Kimelman, D. et al. (1985). "E1a Regions of the Human Adenoviruses and of the Highly Oncogenic Simian Adenovirus 7 Are Closely Related," <i>J. Virol.</i> 53(2):399-409. |
| 119. | Kit, S. et al. (1991). "Modified-live infectious bovine rhinotracheitis virus vaccine expressing monomer and dimer forms of foot-and-mouth disease capsid protein epitopes on surface of hybrid virus particles," <i>Arch. Virol.</i> 120:1-17. |
| 120. | Kovesdi, I. et al. (1987). "Role of an adenovirus E2 promoter binding factor in E1A-mediated coordinate gene control," <i>PNAS, USA.</i> 84:2180-2184. |
| 121. | Krougliak, V. and Graham, F.L. (December 1995). "Development of cell lines capable of complementing E1, E4, and protein IX defective adenovirus type 5 mutants," <i>Human Gene Therapy</i> 6:1575-1586. |
| 122. | Kruglyak, V.A. et al. (1987). "Cloning Fragments of Virion DNA of Cattle Adenoviruses BAV 3 in pUC 19 Plasmid," <i>Soviet Agricultural Sciences</i> 11:64-67. |
| 123. | Kunkel, T.A. et al. (1987). "Rapid and efficient site-specific mutagenesis without phenotypic selection," <i>Meth. Enzymol.</i> 154:367-382. |
| 124. | Kurokawa, T. et al. (1978). "Biochemical Studies on Bovine Adenovirus Type 3 III. Cleavage maps of Viral DNA by Restriction Endonucleases <i>EcoRI</i> , <i>BamHI</i> , and <i>HindIII</i> ," <i>J. Virol.</i> 28(1):212-218. |

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	Applicant Suresh K. MITTAL, et al.	
	Filing Date January 14, 2002	Group Art Unit 1648
	Mailing Date March 27, 2002	

142. Mittal, S.K. et al. (1996). "Pathology and immunogenicity in the cotton rat (*Sigmodon hispidus*) model after infection with a bovine adenovirus type 3 recombinant virus expressing the firefly luciferase gene," *J. General Virology* 77:1-9.
143. Morin, J.E. et al. (1987). "Recombinant adenovirus induces antibody response to hepatitis B virus surface antigen in hamsters," *PNAS, USA* 84:4626-4630.
144. Moss, B. (1990). "Recombinant DNA virus vectors for vaccination," *Semin. Immunol.* 2:317-327.
145. Motoi, M. et al. (1972). "Neoplastic transformation of hamster cells *in vitro* by Bovine adenovirus Type-3," *Gann* 63:415-418.
146. Murphy, B.R. (1994). "Mucosal immunity to viruses," Chapter 29 *In Handbook of mucosal immunology*. P.L. Ogra et al. eds., Academic Press: San Diego, pp.333-343.
147. Nevins, J.R. (1981). "Mechanism of Activation of Early Viral Transcription by the Adenovirus E1A Gene Product," *Cell* 26:213-220.
148. Nevins, J.R. (1982). "Induction of the Synthesis of a 70,000 Dalton Mammalian Heat Shock Protein by the Adenovirus E1A Gene Product," *Cell* 29:913-919.
149. Niiyama, Y. et al. (1975). "Biochemical studies on bovine adenovirus type 3," *Viol.* 16(3):621-633.
150. Ojkic, D. et al. (1997). "Sequence analysis of the terminal protein precursor coding regions from bovine adenovirus serotypes 2 and 3," *Intervirol.* 40:253-262.
151. Ojkic, D. et al. (May 4-8, 1997). "Sequencing analysis of the coding regions for the terminal protein precursor of bovine adenovirus serotypes 2 and 3," *Abstracts of the 97th General Meeting of the American Society for Microbiology*; Division S: DNA Viruses, Part 114-S "Viral strain variation: detection and molecular and biologic properties," Abstract No. S-2a, page 532.
152. Orkin, S.H. and Motulsky, A.G. (December 7, 1995). "Report and recommendations of the panel to assess the NIH investment in research on gene therapy" <<http://www.nih.gov/news/panelrep.html>>, visited August 8, 2000, 40 pages.
153. Papp, Z. et al. (1997). "Mucosal immunization with recombinant adenoviruses: Induction of immunity and protection of cotton rats against respiratory bovine herpesvirus type 1 infection," *J. Gen. Virol.* 78:2933-2943.
154. Philipson, L. (1983). "Structure and Assembly of Adenoviruses," *Current Topics in Microbiology and Immunology* 109:1-52.
155. Prevec, L. et al. (1989). "Use of human adenovirus-based vectors for antigen expression in animals" *J. Gen. Virol.* 70:429-434.
156. Prevec, L. et al. (1990). "A Recombinant Human Adenovirus Vaccine against Rabies," *J. Inf. Dis.* 161:27-30.
157. Ragot, T. et al. (1993). "Efficient adenovirus-mediated transfer of a human minidystrophin gene to skeletal muscle of *mdx* mice," *Nature* 361:647-650.

EXAMINER:

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	Mailing Date March 27, 2002	

158. Raviprakash, K.S. et al. (1989). "The Mouse Adenovirus Type 1 Contains an Unusual E3 Region." *J. Virology* 63(12):5455-5458.
159. Reddy, P.S. et al. (1998). "Nucleotide sequence, genome organization, and transcription map of bovine adenovirus type 3." *J. Virol* 72(2):1394-1402.
160. Reddy, P.S. et al. (1999). "Replication-defective bovine adenovirus type 3 as an expression vector." *J. Virol.* 73(11):9137-9144.
161. Rosenfeld, M.A. et al. (1991). "Adenovirus-Mediated Transfer of a Recombinant α -Antitrypsin Gene to the Lung Epithelium in Vivo." *Science* 252:431-434.
162. Rosenfeld, M.A. et al. (1992). "In Vivo Transfer of the Human Cystic Fibrosis Transmembrane Conductance Regulator Gene to the Airway Epithelium." *Cell* 68:143-155.
163. Rouse, B.T. and Babiuk, L.A. (1974). "Host response to infectious bovine rhinotracheitis virus." *J. Immunol.* 113(5):1391-1398.
164. Sanger, F. et al. (1977). "DNA sequencing with chain-terminating inhibitors." *PNAS, USA* 74(12):5463-5467.
165. Schneider, M. et al. (1989). "Expression of the Glycoprotein of Vesicular Stomatitis Virus by Infectious Adenovirus Vectors." *J. Gen. Virol.* 70:417-427.
166. Shinagawa, M. et al. (1987). "Phylogenetic relationships between adenoviruses as inferred from nucleotide sequences of inverted terminal repeats." *Gene* 55:85-93.
167. Signäs, C. et al. (1985). "Adenovirus 3 Fiber Polypeptide Gene: Implications for the Structure of the Fiber Protein." *J. Virology* 53(2):672-678.
168. Signäs, C. et al. (1986). "Region E3 of human adenoviruses: differences between the oncogenic adenovirus-3 and the non-oncogenic adenovirus-2." *Gene* 50:173-184.
169. Song, B. et al. (1996). "Conservation of DNA sequence in the predicted major late promoter regions of selected mastadenoviruses." *Virology* 220:390-401.
170. Southern, E.M. (1975). "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis." *J. Mol. Biol.* 98:503-517.
171. Southern, P.J. and Berg, P. (1982). "Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter." *J. Mol. Appl. Genet* 1:327-341.
172. Spibey, N. et al. (1989). "Identification and nucleotide sequence of the early region 1 from canine adenovirus types 1 and 2." *Virus Research* 14:241-256.
173. Stephens, C. and Harlow, E. (1987). "Differential splicing yields novel adenovirus 5 E1A mRNAs that encode 30 kd and 35 kd proteins." *EMBO J.* 6(7):2027-2035.
174. Stratford-Perricaudet, L.D. et al. (1990). "Evaluation of the Transfer and Expression in Mice of an Enzyme-Encoding Gene Using a Human Adenovirus Vector." *Hum. Gene Ther.* 1:241-256.

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| 175. | Subramani, S. and Southern, P.J. (1983). "Analysis of Gene Expression Using Simian Virus 40 Vectors," <i>Anal. Biochem.</i> 135:1-15. |
| 176. | Thomsen, D.R. et al. (1987). "Pseudorabies virus as a live virus vector for expression of foreign genes," <i>Gene</i> 5:261-265. |
| 177. | Tikoo, S.K. et al. (1990). "Molecular Cloning, Sequencing, and Expression of Functional Bovine Herpesvirus 1 Glycoprotein gIV in Transfected Bovine Cells," <i>J. Virol.</i> 64:5132-5142. |
| 178. | Tikoo, S.K. et al. (1993). "Analysis of bovine herpesvirus 1 glycoprotein gIV truncations and deletions expressed by recombinant vaccinia viruses," <i>J. Virol.</i> 67(4):2103-2109. |
| 179. | Tollefson, A.E. et al. (1991). "The 10,400- and 14,500-Dalton Proteins Encoded by Region E3 of Adenovirus Form a Complex and Function Together To Down-Regulate the Epidermal Growth Factor Receptor," <i>J. Virol.</i> 65(6):3095-3105. |
| 180. | Tsukamoto, K. and Sugino, Y. (1972). "Nonproductive Infection and Induction of Cellular Deoxyribonucleic Acid Synthesis by Bovine Adenovirus Type 3 in a Contact-Inhibited Mouse Cell Line," <i>J. Virol.</i> 9(3):465-473. |
| 181. | Verma, I.M. and Somia, N. (1997). "Gene therapy-promises, problems and prospects," <i>Nature</i> 389:239-242. |
| 182. | Whyte, P. et al. (1988). "Association Between an Oncogene and an Anti-Oncogene: the Adenovirus E1A proteins bind to the Retinoblastoma gene product," <i>Nature</i> 334:124-129. |
| 183. | Whyte, P. et al. (1988). "Two Regions of the Adenovirus Early Region 1A Proteins Are Required for Transformation," <i>J. Virol.</i> 62(1):257-265. |
| 184. | Wold, W.S.M. and Gooding, L.R. (1989). "Adenovirus Region E3 Proteins that Prevent Cytolysis by Cytotoxic T Cells and Tumor Necrosis Factor," <i>Mol. Biol. Med.</i> 6:433-452. |
| 185. | Wold, W.S.M. and Gooding, L.R. (1991). "Region E3 of Adenovirus: A Cassette of Genes Involved in Host Immunosurveillance and Virus-Cell Interactions," <i>Virology</i> 184:1-8. |
| 186. | Xu, Z.Z. et al. (1995). "Investigation of promoter function in human and animal cells infected with human recombinant adenoviruses expressing rotavirus antigen VP7sc," <i>J. Gene Virol.</i> 76:1971-1980. |
| 187. | Xu, Z.Z. et al. (1997). "Construction of ovine adenovirus recombinants by gene insertion or deletion of related terminal region sequences," <i>Virol.</i> 230:62-71. |
| 188. | Yagubi, A. et al. (May 4-8, 1997). "Sequencing analysis of the region encoding the DNA polymerase of bovine adenovirus serotypes 2 and 3," <i>Abstracts of the 97th General Meeting of the American Society for Microbiology</i> , Division S: DNA Viruses, Part 114-S: "Viral strain variation: detection and molecular and biologic properties, Abstract No. S-2b, page 532. |
| 189. | Yanisch-Perron, C. et al. (1985). "Improved M13 phage cloning vectors and host strains: nucleotide sequences of the M13mp18 and pUC19 vectors," <i>Gene</i> 33:103-119. |
| ✓ 190. | Yee, S. and Branton, P.E. (1985). "Detection of Cellular Proteins Associated with Human Adenovirus Type 5 Early Region 1A Polypeptides," <i>Virology</i> 147:142-153. |

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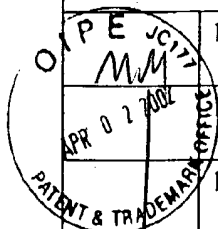
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|------|---|
| 191. | Yuasa, T. et al. (1991). "Preferential expression of the large hepatitis B virus surface antigen gene by an adenovirus-hepatitis B virus recombinant," <i>J. Gen. Virol.</i> 72:1927-1934. |
| 92. | Zerler, B. et al. (1987). "Different Functional Domains of the Adenovirus E1A Gene Are Involved in Regulation of Host Cell Cycle Products." <i>Mol. Cell Biol.</i> 7(2):821-829. |
| 193. | Zheng, B. et al. (1994). "The E1 sequence of bovine adenovirus type 3 and complementation of human adenovirus type 5 E1A function in bovine cells," <i>Virus Res.</i> 31:163-186. |
| 194. | Zoller, M.J. and Smith, M. (1982). "Oligonucleotide-directed mutagenesis using M13-derived vectors: An efficient and general procedure for the production of point mutations in any fragment of DNA," <i>Nucl. Acids Res.</i> 10(20):6487-6500. |

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